

# Source Water Assessment Report



**Public Water Supply: MILFORD, CITY OF**

**Assessment Areas Include:  
935**



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Reports were generated with the Automated Source Water Assessment Tool (ASWAT). Assessments were completed online using ASWAT by hundreds of state employees, public water supply staff, and technical assistant providers throughout the State of Kansas.

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# Report Description

## Detailed Explanation of Entire Report:

The 1996 amendments to the Safe Drinking Water Act require each state to develop a Source Water Assessment Program (SWAP) and a Source Water Assessment (SWA) for each Public Water Supply (PWS) that treats and distributes raw source water. In Kansas there are 761 public water supplies that require SWAs. A SWA includes a delineation of the source water assessment area, an inventory of potential contaminant sources, and a susceptibility analysis.

A PWS can consist of one or more individual assessment areas that require different assessments. In general, an assessment area is delineated at a two-mile fixed radius for a groundwater well. A surface water intake assessment area is the upstream-drainage area (watershed), inside the state border. Additionally, an assessment area can consist of an individual well, group of wells, an individual surface water intake, or multiple surface water intakes.

After each assessment is completed a report is automatically generated using an Internet-based application called the Automated Source Water Assessment Tool (ASWAT). The individual assessment reports combine to form the entire SWA report for a PWS.

A map of each Assessment Area was also generated with ASWAT. However, for security reasons the maps are not included in this report. To obtain a copy of the map(s), please contact your local PWS.

All PWS reports will be available for viewing and downloading on KDHE's Watershed Management Section website(<http://www.kdhe.state.ks.us/nps>) in 2004.

## MILFORD, CITY OF Summary:

AA	Type	Diversion Id
935	Surface water single intake	999

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## **Executive Summary:**

The Executive Summary gives the assessment area's Susceptibility Likelihood Score (SLS) for each contaminant of concern category.

SLS indicates which contaminant category is most likely to impact a given public water supply. Contaminants of concern for groundwater include microbiological, inorganic compounds, nitrates, synthetic organic compounds, pesticides, and volatile organic compounds. Contaminants of concern for surface water include microbiological, inorganic compounds, eutrophication – phosphorus, sedimentation, synthetic organic compounds, pesticides, and volatile organic compounds.

To determine the assessment area's susceptibility to contamination, a qualitative (semi-quantitative) screening level susceptibility analysis was designed that utilizes general assumptions and best professional judgement. It is a systematic procedure comprised of simple yes/no questions. Each question in the susceptibility analysis focuses on the presence or absence of potential pollution sources in the assessment area. SLS is most useful in helping the Public Water Supply (PWS) focus on water quality protection actions towards a contaminant category of concern. For example, if the SLS for microbiological contamination is high, relative to volatile organic compounds (VOC), water supply protection planners would conclude that the attention should be directed towards microbiological contaminant sources rather than VOC sources.

# Executive Summary

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Susceptibility Likelihood Scores for Assessment Area

	<b>A</b>	<b>B</b>	<b>B1</b>	<b>B2</b>	<b>C</b>	<b>C*</b>	<b>D</b>
Susceptibility Likelihood Score – SLS	<b>58</b>	<b>63</b>	<b>80</b>	<b>77</b>	<b>64</b>	<b>58</b>	<b>66</b>
SLS Range	<b>Mid</b>	<b>Mid</b>	<b>Mid</b>	<b>Mid</b>	<b>Mid</b>	<b>Mid</b>	<b>Mid</b>

**A** – Microbiological

**B2** – Sedimentation

**C\*** – Pesticides

**B** – Inorganic Compounds

**C** – Synthetic Organic Compounds

**D** – Volatile Organic Compounds

**B1** – Eutrophication – Phosphorous

## Susceptibility Likelihood Range

SLS Range	
<b>0–50</b>	<b>Low Susceptibility</b>
<b>51–80</b>	<b>Moderate Susceptibility</b>
<b>81–100</b>	<b>High Susceptibility</b>

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Assessment Area: **935**  
Diversion Id's: **999**  
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## Potential Sources:

The Potential Sources section lists all the sites that have been identified as potential sources of contamination.

Potential sources of contamination may include land uses, industry, or businesses that could generate or store chemicals/substances that could potentially contaminate the water supply only if released into the environment. Both unregulated sites from business location databases and regulated sites from various KDHE databases were compiled. Additional sites could have been added by an evaluator through the assessment process to supplement the original data.

The 1987 Standard Industrial Classifications (SIC) were used to identify potential contaminate sites. The SIC system classifies establishments into industries on the basis of the primary activities of the establishment.

Each assessment area is delineated with 3 assessment zones. These zones can be used to get a general understanding of the potential influence sites have based on proximity to the water supply. Zone A is a 100-foot radius around a groundwater well and a 1000-foot radius around a surface water intake. Zone B is a 2000-foot radius around wells and a hydrological delineated buffer around the surface water sources. Zone C is a 2-mile radius around wells and the balance of the watershed for intakes. The potential sources listed in this section are sorted to show all the potential sources in Zone A first, Zone B second, and Zone C third.

**Although a facility or business is identified in the study as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.**

The data for the potential sources of contamination was compiled from May through August in 2002. Some of the databases used were incomplete datasets that are continually being updated. Due to the incompleteness, inaccuracies, and new development, it is possible that sources of potential contamination that are in the assessment area are not included in the report. Inaccurate locations could also cause sources to show up in the assessment area that are not actually in the assessment. Additionally, duplication between the datasets could cause sites to show up multiple times in the assessment area.

# Potential Sources

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
196686	General Farm, Primarily Crop	191	B
138682	Veterinary Services, Specialties	742	B
196524	Veterinary Services, Specialties	742	B
196669	Veterinary Services, Specialties	742	B
196696	Veterinary Services, Specialties	742	B
196697	Veterinary Services, Specialties	742	B
196723	Animal Specialty Services	752	B
141747	Single-family Housing Construction	1521	B
141775	Single-family Housing Construction	1521	B
196400	Single-family Housing Construction	1521	B
196529	Single-family Housing Construction	1521	B
196542	Single-family Housing Construction	1521	B
196634	Single-family Housing Construction	1521	B
196688	Single-family Housing Construction	1521	B
196717	Single-family Housing Construction	1521	B
199686	Single-family Housing Construction	1521	B
199706	Single-family Housing Construction	1521	B
196676	Nonresidential Construction	1542	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
196665	Highway and Street Construction	1611	B
196651	Meat Packing Plant Manufacturing	2011	B
196649	Prepared Feeds For Animals and Fowls	2048	B
196671	Prefabricated Wood Buildings Manufacturing	2452	B
196454	Newspapers Publishing and Printing	2711	B
196491	Commercial Printing NEC	2759	B
196571	Commercial Printing NEC	2759	B
196708	Adhesives and Sealants Manufacturing	2891	B
196352	Farm Machinery and Equipment	3523	B
196486	Farm Machinery and Equipment	3523	B
196537	Farm Machinery and Equipment	3523	B
196691	Machinery, Except Electrical Manufacturing	3599	B
199697	Machinery, Except Electrical Manufacturing	3599	B
196430	Farm Product Warehousing and Storage	4221	B
196664	Farm Product Warehousing and Storage	4221	B
196431	Farm and Garden Machinery	5083	B
196516	Farm and Garden Machinery	5083	B
196684	Farm and Garden Machinery	5083	B
196694	Farm and Garden Machinery	5083	B
196724	Farm and Garden Machinery	5083	B



## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
196657	Scrap and Waste Materials	5093	B
199695	Scrap and Waste Materials	5093	B
196489	Gasoline Service Station	5541	B
199662	Gasoline Service Station	5541	B
199665	Gasoline Service Station	5541	B
141776	Mobile Home Park	6515	B
196677	Mobile Home Park	6515	B
141753	Recreational Vehicle Parks and Campsites	7033	B
196500	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
196675	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
196695	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	B
196411	Auto Truck Repair Service	7538	B
196543	Auto Truck Repair Service	7538	B
196650	Auto Truck Repair Service	7538	B
196666	Auto Truck Repair Service	7538	B
196726	Auto Truck Repair Service	7538	B
199670	Auto Truck Repair Service	7538	B
196662	Car Wash	7542	B
141755	Repair Services, Nec	7699	B

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
199684	Repair Services, Nec	7699	B
199700	Repair Services, Nec	7699	B
160767	General Farm, Primarily Crop	191	C
161138	General Farm, Primarily Crop	191	C
161290	General Farm, Primarily Crop	191	C
161419	General Farm, Primarily Crop	191	C
161804	General Farm, Primarily Crop	191	C
161176	Cattle Farm	211	C
161713	Cattle Farm	211	C
161809	Cattle Farm	211	C
160393	Dairy Farms	241	C
160352	Veterinary Services, Specialties	742	C
160472	Veterinary Services, Specialties	742	C
160782	Veterinary Services, Specialties	742	C
160848	Veterinary Services, Specialties	742	C
160849	Veterinary Services, Specialties	742	C
160992	Veterinary Services, Specialties	742	C
161084	Veterinary Services, Specialties	742	C
161189	Veterinary Services, Specialties	742	C
161244	Veterinary Services, Specialties	742	C
161622	Veterinary Services, Specialties	742	C
160779	Animal Specialty Services	752	C
160395	Single-family Housing Construction	1521	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
160405	Single-family Housing Construction	1521	C
160407	Single-family Housing Construction	1521	C
160467	Single-family Housing Construction	1521	C
160639	Single-family Housing Construction	1521	C
160667	Single-family Housing Construction	1521	C
160713	Single-family Housing Construction	1521	C
160776	Single-family Housing Construction	1521	C
160850	Single-family Housing Construction	1521	C
161085	Single-family Housing Construction	1521	C
161130	Single-family Housing Construction	1521	C
161408	Single-family Housing Construction	1521	C
161416	Single-family Housing Construction	1521	C
160747	Nonresidential Construction	1542	C
160353	Highway and Street Construction	1611	C
160509	Highway and Street Construction	1611	C
160883	Highway and Street Construction	1611	C
160884	Highway and Street Construction	1611	C
160890	Highway and Street Construction	1611	C
161810	Highway and Street Construction	1611	C
160476	Meat Packing Plant Manufacturing	2011	C
160933	Meat Packing Plant Manufacturing	2011	C
161546	Meat Packing Plant Manufacturing	2011	C
161118	Prepared Feeds For Animals and Fowls	2048	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
161547	Prepared Feeds For Animals and Fowls	2048	C
199266	Prepared Feeds For Animals and Fowls	2048	C
160852	Animal and Marine Fats and Oils Manufacturing	2077	C
160612	Bottled and Canned Soft Drinks Production	2086	C
160790	Bottled and Canned Soft Drinks Production	2086	C
160438	Newspapers Publishing and Printing	2711	C
160984	Newspapers Publishing and Printing	2711	C
160985	Newspapers Publishing and Printing	2711	C
161132	Newspapers Publishing and Printing	2711	C
161207	Newspapers Publishing and Printing	2711	C
161246	Newspapers Publishing and Printing	2711	C
161686	Newspapers Publishing and Printing	2711	C
160521	Commercial Printing–Lithographic	2752	C
161026	Commercial Printing–Lithographic	2752	C
161059	Commercial Printing–Lithographic	2752	C
161591	Commercial Printing NEC	2759	C
160886	Plastics products Manufacturing	3089	C
160792	Brick and Structural Clay Tile Manufacturing	3251	C
160889	Concrete Products Manufacturing	3272	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
160897	Concrete Products Manufacturing	3272	C
160355	Ready-mix Concrete Plant	3273	C
160766	Sheet Metal Work Manufacturing	3444	C
160756	Metal Stampings Manufacturing	3469	C
160631	Fabricated Metal Products Manufacturing	3499	C
160768	Farm Machinery and Equipment	3523	C
161433	Farm Machinery and Equipment	3523	C
161548	Farm Machinery and Equipment	3523	C
161812	Farm Machinery and Equipment	3523	C
161079	Machinery, Except Electrical Manufacturing	3599	C
161637	Machinery, Except Electrical Manufacturing	3599	C
199267	Machinery, Except Electrical Manufacturing	3599	C
160461	Surgical Appliances and Supplies Manufacturing	3842	C
160896	Surgical Appliances and Supplies Manufacturing	3842	C
160854	Signs and Advertising Display Manufacturing	3993	C
161092	Local Trucking, without Storage	4212	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
161805	Local Trucking, without Storage	4212	C
160402	Farm Product Warehousing and Storage	4221	C
160411	Farm Product Warehousing and Storage	4221	C
160808	Farm Product Warehousing and Storage	4221	C
161063	Farm Product Warehousing and Storage	4221	C
161087	Farm Product Warehousing and Storage	4221	C
161093	Farm Product Warehousing and Storage	4221	C
161203	Farm Product Warehousing and Storage	4221	C
161228	Farm Product Warehousing and Storage	4221	C
161417	Farm Product Warehousing and Storage	4221	C
161424	Farm Product Warehousing and Storage	4221	C
161550	Farm Product Warehousing and Storage	4221	C
161618	Farm Product Warehousing and Storage	4221	C
161794	Farm Product Warehousing and Storage	4221	C
195724	Farm Product Warehousing and Storage	4221	C
199273	Farm Product Warehousing and Storage	4221	C
199274	Farm Product Warehousing and Storage	4221	C
160357	Refuse Systems	4953	C
160858	Refuse Systems	4953	C
160902	Refuse Systems	4953	C
161704	Refuse Systems	4953	C
161705	Refuse Systems	4953	C
160757	Construction and Mining Machinery	5082	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
160421	Farm and Garden Machinery	5083	C
160474	Farm and Garden Machinery	5083	C
160860	Farm and Garden Machinery	5083	C
161229	Farm and Garden Machinery	5083	C
161434	Farm and Garden Machinery	5083	C
161553	Farm and Garden Machinery	5083	C
160398	Scrap and Waste Materials	5093	C
160453	Scrap and Waste Materials	5093	C
161662	Scrap and Waste Materials	5093	C
160351	Gasoline Service Station	5541	C
160602	Gasoline Service Station	5541	C
160802	Gasoline Service Station	5541	C
160867	Gasoline Service Station	5541	C
161012	Gasoline Service Station	5541	C
161042	Gasoline Service Station	5541	C
161096	Gasoline Service Station	5541	C
161144	Gasoline Service Station	5541	C
161149	Gasoline Service Station	5541	C
161163	Gasoline Service Station	5541	C
161227	Gasoline Service Station	5541	C
161234	Gasoline Service Station	5541	C
161429	Gasoline Service Station	5541	C
161594	Gasoline Service Station	5541	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
161611	Gasoline Service Station	5541	C
161783	Gasoline Service Station	5541	C
161806	Gasoline Service Station	5541	C
161814	Gasoline Service Station	5541	C
160868	Recreational vehicle sales and repair	5561	C
141765	Mobile Home Park	6515	C
161081	Recreational Vehicle Parks and Campsites	7033	C
160372	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160390	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160409	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160425	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160469	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160664	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160940	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
161098	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C



## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
161560	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
161561	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
161665	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
161709	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
161712	Top, Body, and Upholstery Repair Shops and Paint Shops	7532	C
160389	Auto Truck Repair Service	7538	C
160456	Auto Truck Repair Service	7538	C
160606	Auto Truck Repair Service	7538	C
160608	Auto Truck Repair Service	7538	C
160622	Auto Truck Repair Service	7538	C
160665	Auto Truck Repair Service	7538	C
160720	Auto Truck Repair Service	7538	C
160722	Auto Truck Repair Service	7538	C
160763	Auto Truck Repair Service	7538	C
160807	Auto Truck Repair Service	7538	C
161043	Auto Truck Repair Service	7538	C
161050	Auto Truck Repair Service	7538	C
161113	Auto Truck Repair Service	7538	C

## Unregulated Potential Site Sources

Source No.	SIC Description	SIC ID	Zone
161121	Auto Truck Repair Service	7538	C
161136	Auto Truck Repair Service	7538	C
161167	Auto Truck Repair Service	7538	C
161193	Auto Truck Repair Service	7538	C
161259	Auto Truck Repair Service	7538	C
161445	Auto Truck Repair Service	7538	C
161698	Auto Truck Repair Service	7538	C
161820	Auto Truck Repair Service	7538	C
161821	Auto Truck Repair Service	7538	C
161846	Auto Truck Repair Service	7538	C
196698	Auto Truck Repair Service	7538	C
161077	Repair Services, Nec	7699	C
161562	Repair Services, Nec	7699	C
161616	Repair Services, Nec	7699	C
161847	Repair Services, Nec	7699	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000065	Geer, Margaret	A-LRCY-BA38	B
2000081	Bloom, Elmo	A-LRCY-SA06	B
2000173	Hoover, Leola	A-LRCY-MA03	B

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000303	Sherbert, Mike D.	A-LRCY-BA48	B
2000410	Carlson, Ronald	A-LRCY-BA40	B
2000466	Sherbert, Dwight	A-LRCY-BA41	B
2000524	Mall, Duane	A-LRCY-BA65	B
2000582	Schmutz Farm	A-LRCY-BA63	B
2000602	Brown, Phillip	A-LRCY-BA20	B
2000603	Brown, Phillip	A-LRCY-BA13	B
2000625	Thurlow, Robert Dean	A-LRCY-BA34	B
2000777	Yarrow, Dwight	A-LRCY-BA36	B
2000804	Fowles, Wallace V.	A-LRCY-BA47	B
2000873	Lippe, Michael R.	A-LRCY-SA03	B
2000874	4-j Dairy	A-LRCY-M004	B
2000890	Forsyth, John V. Imogene	A-LRCY-BA16	B
2000908	Downing, Joe E.	A-LRCY-BA37	B
2000913	Yarrow, Jimmie L	A-LRCY-BA39	B
2000919	Crimmins, Daniel T.	A-LRCY-BA28	B
2001142	Crawshaw Farmstead	A-LRCY-SA04	B
2001164	Schmutz Farm	A-LRDK-BA01	B
2001168	Hofmann, Rodney Kim	A-LRCY-BA29	B
2001180	Diamond A Ranch	A-LRCY-BA26	B
2001183	Diamond A Ranch	A-LRCY-BA25	B
2001312	Willmann, Gail	A-LRCY-BA59	B
2001315	Visser, Kenneth	A-LRCY-BA03	B

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001319	Willmann, Elmer	A-LRCY-BA58	B
2001345	Ames, Edward I.	A-LRCY-BA08	B
2001346	Yenni, Vernon	A-LRCY-BA05	B
2001349	Thurlow, Robert Dean	A-LRCY-BA33	B
2001357	Fowles, Brad Gloria	A-LRCY-BA14	B
2001360	Visser, Virgil	A-LRCY-BA02	B
2001411	Bauer, Bruce	A-LRCY-BD01	B
2001431	Hildebrand, Alan (Hildebrand Farms)	A-LRGE-M001	B
2001538	Yarrow, Dwight	A-LRCY-B002	B
2001616	Martin, Don A.	A-LRCY-BA55	B
2001664	Adams, Douglas A.	A-LRCY-BA27	B
2001755	Bauer Farms, Inc.	A-LRCY-BA10	B
2001883	B K Livestock Farms	A-LRCY-S023	B
2001958	Martin, Don A.	A-LRCY-BA54	B
2001996	Cottonwood Lane Farm	A-LRCY-BA32	B
2002074	Martin, Don	A-LRCY-BA52	B
2002076	Martin, Don A.	A-LRCY-BA53	B
2002111	Clay Center Livestock Co.	A-LRCY-B003	B
2002118	Chestnut, Richard	A-LRCY-BA60	B
2002281	Roth, Ron (roth Farms)	A-LRCY-S012	B
2002338	Chaffee, Gary	A-LRCY-S022	B
2002341	L S Swine	A-LRCY-S017	B
2002787	Nelson Poultry Farms, Inc.	A-LRCY-P001	B

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000005	Bauer Farms, Inc.	A-LRCY-EA03	C
2000098	Bartholomew, John Tessie	A-LRJW-SA03	C
2000122	Ball, Leonard	A-LRRP-MA02	C
2000126	Saunders, Duane	A-LRRP-MA01	C
2000182	Greenlee, John	A-LRCY-BA64	C
2000204	Sherbert, Mike D.	A-LRCY-BA49	C
2000205	Hartner, Harold F.	A-LRCY-BA19	C
2000207	Underwood, Delbert	A-SOJW-BA03	C
2000218	Urban, Michael J.	A-LRCY-BA57	C
2000258	Stokes Dairy	A-LRJW-MA01	C
2000279	Pfizenmaier, Mark	A-LRCY-S049	C
2000351	Thomas, Ron	A-LRCY-MA02	C
2000365	Stunkel, Harold	A-LRWS-MA01	C
2000398	Morgan, Walter Dean	A-LRCD-MA04	C
2000423	Taddiken Farm Inc.	A-LRCY-S043	C
2000429	L S Swine	A-LRCY-S047	C
2000460	Dodd, Franklin	A-LRCY-BA51	C
2000462	Sherbert, Mike D.	A-LRCY-BA50	C
2000476	Koerber, Lyle	A-LRCD-MA02	C
2000528	Larson, Dale	A-LRCY-BA61	C
2000550	Long Farms	A-LRWS-S018	C
2000581	Schreefer, Richard	A-LRCY-S005	C
2000586	Crawshaw Farmstead Ii	A-LRCY-SA05	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2000610	Geer, Raymond	A-LRCY-BA15	C
2000637	Roe, Bill	A-LRJW-BA04	C
2000731	Schaefer Swine	A-LRWS-S027	C
2000734	Kopfer, Merlin	A-LRCY-M005	C
2000780	Owens, Clifford Ruth	A-LRCY-BA46	C
2000807	Lee, William Harold	A-LRCY-BA18	C
2000863	Overmiller, Marion	A-SOSM-SA02	C
2000872	Zoltenko Farms	A-LRJW-S023	C
2000892	Elsasser, Harold	A-LRCY-BA09	C
2000916	Elsasser, Harold	A-LRWS-BA04	C
2000931	Affolter, David B.	A-LRCY-BA17	C
2000939	James, Veryl	A-LRCY-BA31	C
2000982	Robinett And Sons, Inc.	A-LRJW-S016	C
2001020	Shadle, Randy And Denise	A-LRCY-S041	C
2001035	Sherbert, Dwight	A-LRCY-BA42	C
2001057	Erickson Pork	A-LRWS-S021	C
2001066	Shute, Thomas M.	A-LRJW-S012	C
2001093	Mcadams, Max	A-LRCY-BA21	C
2001094	Heigele, Fred (ray Reed Site)	A-LRCY-S002	C
2001106	Pfizenmaier, Phil	A-LRCY-BA44	C
2001153	James, Derek R.	A-LRCY-BA24	C
2001154	Hills Ranch	A-LRJW-BA06	C
2001170	Zoltenko Farms	A-LRJW-S024	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001172	Hurley Supply, Inc.	A-LRRP-BA06	C
2001176	Kadel, Ivan	A-LRJW-BA02	C
2001243	Koester, Roger	A-LRCD-S007	C
2001256	Scheele, Wilbert	A-LRWS-S013	C
2001266	Close, Arlyn	A-LRCY-BA56	C
2001272	Wagners Dairy	A-LRCY-M003	C
2001293	Carlgren, Robert	A-LRRP-BA07	C
2001305	Doyle, Duane	A-LRSM-M001	C
2001321	Blake Farms	A-LRCY-BA11	C
2001336	Oplinger, Clark	A-LRJW-BA01	C
2001338	Blake Farms	A-LRCY-BA12	C
2001371	Mc Adams, Rodney	A-LRCY-BA22	C
2001389	Greene Farms, Inc.	A-LRJW-S011	C
2001400	Milligan, Randy	A-LRCY-BA30	C
2001403	Koester, Roger	A-LRCD-S006	C
2001440	Zoltenko Farms Inc.	A-LRRP-S025	C
2001444	Keil, W. Benson (esp Lot)	A-LRCD-BA08	C
2001445	Keil, W. Benson (lot #2)	A-LRCD-BA07	C
2001462	Larson, Nathan	A-KSRL-S003	C
2001524	Barrett, Bradley, Barrett Feedlot	A-LRJW-BA07	C
2001551	Sothers E. M. Sons	A-LRRP-BA03	C
2001577	Fredrickson, George	A-LRCD-BA04	C
2001619	Reith, Larry	A-LRWS-S005	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2001621	Pfizenmaier, Daniel D.	A-LRCY-S048	C
2001640	Bloom, Lewis C	A-LRCY-BA43	C
2001646	Benteman, Gary	A-LRWS-S023	C
2001650	Peterson, Michael	A-LRCY-BA66	C
2001688	Bergstrom Livestock, Inc.	A-LRRP-LA01	C
2001708	Mellies Hog Farm	A-LRCY-S037	C
2001715	Harris, Lynn And Sons	A-LRJW-S008	C
2001719	Schurle, Douglas	A-LRCY-SA07	C
2001732	Richter Pork	A-LRRL-S001	C
2001749	Thomas, Larry W.	A-LRCY-BA35	C
2001751	Roe, Lauren	A-LRJW-BA05	C
2001772	Devlin, Douglas	A-LRSM-BA02	C
2001782	Greene Farms, Inc.	A-LRJW-B005	C
2001795	Nobert, James	A-LRCD-BA03	C
2001816	Roth, Carroll	A-LRCY-S013	C
2001832	Sylvester, Gary And Mark	A-KSRL-S001	C
2001855	Roe, Bill	A-LRRP-BA05	C
2001924	Overmiller, Gerald	A-LRSM-BA01	C
2001927	Bloomfield, Steven	A-LRCY-BA04	C
2001944	Flavin, Maurice/kriley, Gary	A-LRJW-B003	C
2001977	Martin, Timothy	A-LRCY-BA45	C
2002009	Keil, W. Benson (lot #1)	A-LRCD-BA06	C
2002011	Lohmeyer, Arnold And Son	A-LRWS-BA03	C



## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002037	Bartcher, Gary	A-LRJW-B004	C
2002078	Hayden Hereford Farms	A-LRCD-BA01	C
2002131	Allen, Robert D. Lynn V.	A-LRWS-S028	C
2002164	Bierbaum Farms, Inc.	A-LRWS-S024	C
2002182	Feight, Gene Son	A-LRCD-BA02	C
2002196	Roth Farms	A-LRCY-S031	C
2002198	Bohnert Farms	A-LRJW-SD01	C
2002236	Bloomfield Cattle Company (larry Steve)	A-LRCY-B001	C
2002261	Forward Trend	A-LRWS-S029	C
2002502	Spur Feeders, Inc.	A-LRCD-B001	C
2002524	Valley Pork Ranch, Inc.	A-LRCY-S050	C
2002544	Valley View Ranch, Inc.	A-LRWS-H001	C
2002549	Neb-kan Feeders	A-LRCD-C001	C
2002559	Wilkens Farms	A-BBWS-H005	C
2002561	Berk Farms, Inc. – East Site	A-LRCD-H002	C
2002564	Berk, Inc.	A-LRCD-H003	C
2002581	Keeott Farms, Inc.	A-LRCY-H004	C
2002582	Toll, Douglas	A-LRWS-H005	C
2002585	K R B Pork Inc	A-LRWS-H007	C
2002602	J-six Farms Inc – West	A-LRWS-H006	C
2002605	Prairie Pork Development, Llc	A-LRWS-H009	C
2002630	21st Century Dairies Cooperative	A-LRWS-D001	C

## Regulated Confined Animal Feeding Operations Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
2002699	K.C. Pork, Inc.	A-LRWS-H002	C
2002700	Condray Farms, Inc.	A-LRWS-H008	C
2002901	Premium Feeders, Inc.	A-LRRP-C001	C

## Regulated Hazardous Waste Potential Site Sources

Did Not Contain Any Of These Potential Site Sources
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## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000002	Kwik Corner	00006	B
3000092	Thunderbird Marina	01148	B
3000150	Larrys 66	01786	B
3000151	Conoco, Shannons	01792	B
3000159	Shandy Apco Service	01899	B
3000212	Farmers Union Coop	02525	B
3000255	Leiszler Oil Co	03112	B
3000298	Hutchinson Wil/rich	03672	B
3000377	Mason Petroleum Co	04681	B
3000424	Clay Co, Hwy Dept	05196	B

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000453	Farmers Union Coop	05597	B
3000483	Usd 379	05951	B
3000510	Clay Co Hospital	06152	B
3000838	Milford St Park,	08706	B
3000983	Carlson Trucking	12522	B
3001108	Kidwell Service	16663	B
3001166	Hanson Ford Mercy	18830	B
3001197	Westside 66	20131	B
3001223	Carver's Countryside Market	20949	B
3001479	Short Stop, Leizlers	25517	B
3001729	Kdot, Clay Center	26659	B
3002629	Clay Center Locker Plant	81121	B
3002681	705-711 W Crawford	81271	B
3002684	Don's Electronics	81277	B
3002815	Gt Manufacturing	81599	B
3000022	Casey's General	00104	C
3000136	Apco, Rick's	01675	C
3000138	Downtown 66 Service	01680	C
3000140	Skyline 66 Service	01689	C
3000144	Caldwell 66	01704	C
3000148	L L Service	01774	C
3000154	Js Jif-e-stop	01831	C
3000155	Lloyds Standard Service	01837	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000211	Double Circle Farm Supply	02507	C
3000239	J H Service	02891	C
3000262	Jackies Station	03167	C
3000327	Jewell Co Hwy Dept	03983	C
3000334	Republic Co Hwy Dept	04101	C
3000410	Farmway Coop	05044	C
3000444	Jensen Oil Gas	05483	C
3000466	Usd 278, Mankato	05852	C
3000517	Jewell Co Hospital	06189	C
3000528	Republic Co Hospital	06244	C
3000535	St Joseph Hospital, Concordia	06265	C
3000539	Clyde Coop	06298	C
3000544	Texaco, Main St	06315	C
3000566	Daylight Donuts (ffp #794)	06400	C
3000568	Conoco, Mac's	06411	C
3000611	Pepsi Cola Warehouse	06557	C
3000643	Love's #43	06727	C
3000666	Kerr-mcgee #6047	06804	C
3000706	Abram Ready Mix	07005	C
3000724	Midway Coop, Mankato	07098	C
3000737	Scrivner Of Kansas	07158	C
3000757	Mount Joseph Senior Community	07363	C
3000787	Cloud Co Hwy Dept	07857	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3000802	Concordia, Central Maintenance	08063	C
3000812	Roy's Cafe	08359	C
3000882	Home Oil, Scandia	09007	C
3000883	Jamestown Service Co	09008	C
3000940	Adams Oil	11194	C
3000942	Agenda Oil Co	11218	C
3000953	Babe Hooser Motor Co	11663	C
3000966	Bohnert Service Center	12087	C
3000979	Caldwell's 66 Service	12449	C
3000986	Chase Service	12709	C
3001006	Cox–beswick Irr. Service	13100	C
3001012	Dannys Service	13349	C
3001014	Dave's Discount Service	13399	C
3001112	First Class Ford–merc	16718	C
3001121	Dave's Full Service	16903	C
3001149	Murk Automotive	18079	C
3001178	Rolling Acres Farm	19538	C
3001236	Agri Services	22529	C
3001237	Walters' Service	22563	C
3001257	Conoco, Duffy's 36	23094	C
3001377	Cloud Ceramics	24535	C
3001437	Jensen Oil	25265	C
3001447	AtAurora	25361	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3001448	AtConcordia	25366	C
3001458	Enron Pipeline, Clifton	25434	C
3001477	Peter's 66	25515	C
3001511	Martin Tractor Company	25697	C
3001516	Dubuque Packing Co	25726	C
3001589	Holmes, Don	26045	C
3001625	Clifton Agri Service	26186	C
3001634	D G Garage	26213	C
3001695	Shop Qwik	26558	C
3001732	Kdot, Mankato	26662	C
3001733	Kdot, Belleville	26663	C
3001735	Kdot, Concordia	26665	C
3001780	Clifton Station	26866	C
3001957	National Weather Service	27610	C
3002085	Webber Service	28511	C
3002145	Ks Bostwick Irrigation District	28816	C
3002167	Blosser Municipal Airport	28919	C
3002244	Kisbys Pit Stop	29304	C
3002287	Palmer Grain Inc	29489	C
3002331	Hairscope	29709	C
3002345	Upr, Concordia	29750	C
3002359	Concordia City Hall	29809	C
3002411	Walthers Oil Co (81 Texaco)	40748	C

## Regulated Leaking Storage Tank Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
3002437	Farmway Coop, Bulk Plant	42812	C
3002440	Kravemore 81 Truck Stop	42855	C
3002441	Jensen Oil Gas Co	42873	C
3002444	Upr, Concordia	42942	C
3002450	Hardy Coop, Bulk Fuel Plant	43072	C
3002520	Palmquist Facility	80269	C
3002630	Abb Raymond	81124	C
3002648	Jamestown Post Office	81176	C
3002663	Braun Warehouse (abandoned)	81213	C
3002783	Abb Air Preheater	81493	C
3002824	Shop Bldg	81626	C

## Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000701	CLAY CENTER PWS WELLS #5, #8	C501400181	B
7000702	VALLEY FERTILIZER, CLAY CENTER	C501400210	B
7000703	GILMORE-TATGE, CLAY CENTER	C501400489	B
7000704	GILMORE-TATGE, CLAY CENTER	C501400489	B
7000705	HUTCHINSON MAYRATH	C501470884	B
7000767	MILFORD LAKE CAMPGROUND WELLS	C503171174	B
7000706	RITEWAY CLEANERS – 3RD STREET	C501500010	C

## Regulated Identified Contaminated Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
7000709	VALLEY FERTILIZER, CONCORDIA	C501500070	C
7000710	UNION PACIFIC RR REFUELING STATION (FORMER), CONCO	C501500415	C
7000712	FMGP – CONCORDIA	C501570031	C
7000713	CONCORDIA POW CAMP	C501571289	C
7000768	RANDALL PWS WELL #2	C504570064	C
7000769	JEWELL COUNTY RWD #1	C504570305	C
7000770	KOCH AGRI SERVICES JEWELL	C504570866	C
7000812	ANDERSON FERTILIZER CO. (NELSON FERTILIZER CO.)	C507900025	C
7000813	AGENDA USDA	C507900488	C
7000814	UNITED GRAIN	C507970190	C
7000815	KANEB PIPE LINE COURTLAND	C507970862	C
7000860	ONE HOUR MARTINIZING (COMBINED W/085–70370)	C508571192	C
7000862	KOCH AGRI–SERVICES, CLIFTON/VINING	C510103026	C

## Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000233	Clay County	0231–S	B
5000721	City of Clay Center	0700–S	B



## Regulated Solid Waste Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
5000821	Clay County HHW	0792-S	B
5000026	City of Linn	-R	C
5000055	Cloud County Transfer Station	0107-S	C
5000106	Republic County	0136-S	C
5000152	Jewell County	0165-S	C
5000229	City of Scandia	0227-S	C
5000568	Champlin Tire Recycling, Inc.	0556-S	C
5000590	Clay County	0577-S	C
5000716	City of Belleville	0694-S	C
5000729	Jewell County HHW	0709-S	C
5000740	City of Linn	0719-S	C
5000774	Jewell County Transfer Station	0749-S	C
5000866	Champlin Tire Recycling, Inc.	2007-T	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000152	KING CONSTRUCTION CO – MILFORD	I-LR17-NO01	B
6000153	KING CONSTRUCTION CO – MILFORD	I-LR17-NO01	B
6000433	HAWKS LANDING TRAILER COURT	C-LR05-NO02	B
6000526	FT. RILEY (DEPT OF ARMY)	F-KS97-PO01	B
6000739	CLAY CENTER POWER PLANT	I-LR05-CO02	B

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6000740	VALLEY FERTILIZER	I-LR05-PO01	B
6000741	CLAY CENTER GROUNDWATER REMEDIATION	I-LR05-PO02	B
6000749	MARTIN MARIETTA (PS QUARRY)	I-LR17-PO02	B
6000750	HAMM – WAKEFIELD #80	I-LR24-PO01	B
6001402	CLAY CENTER MWTP	M-LR05-IO01	B
6001403	CLAY CENTER MWTP	M-LR05-IO01	B
6001420	GEARY COUNTY SEWER DISTRICT #4	M-LR15-DO04	B
6001436	KDWP – MILFORD STATE PARK WWTF	M-LR17-NO02	B
6001437	KDWP – MILFORD STATE PARK WWTF	M-LR17-NO02	B
6001438	KDWP – MILFORD STATE PARK WWTF	M-LR17-NO02	B
6001439	MILFORD	M-LR17-OO01	B
6001445	WAKEFIELD MWTP	M-LR24-OO01	B
6002011	HUTCHINSON–MAYRATH–DIV OF GLOBAL INDUST	P-LR05-IO02	B
6000091	UNION PACIFIC R.R. CO. – MARYSVILLE	I-BB13-NO01	C
6000151	ENRON CORPORATION – CLIFTON D-LINE	I-LR06-PO02	C
6000434	MILLER MOBILE HOME PARK	C-LR17-NO03	C
6000742	WEST PLAINS – CLIFTON GEN. STATION	I-LR06-NO03	C
6000743	NORTHERN NAT. GAS CO. CLIFTON	I-LR06-PO01	C
6000744	NORTHERN NAT. GAS CO. CLIFTON	I-LR06-PO01	C
6000745	CLOUD CERAMICS – #C-77 #C-80	I-LR08-PO02	C
6001397	AGENDA MWTP	M-LR01-NO01	C
6001398	AURORA MWTF	M-LR02-NO01	C
6001399	BELLEVILLE MWTF	M-LR03-OO01	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001400	BELLEVILLE MWTF	M-LR03-OO01	C
6001401	BURR OAK WWTP	M-LR04-NO01	C
6001404	CLIFTON MWTP	M-LR06-OO01	C
6001405	CLYDE MWTP	M-LR07-OO01	C
6001406	CONCORDIA MWTP	M-LR08-OO01	C
6001407	CONCORDIA MWTP	M-LR08-OO01	C
6001408	CONCORDIA MWTP	M-LR08-OO01	C
6001409	CONCORDIA MWTP	M-LR08-OO01	C
6001410	CONCORDIA MWTP	M-LR08-OO01	C
6001411	CONCORDIA MWTP	M-LR08-OO01	C
6001412	CONCORDIA MWTP	M-LR08-OO01	C
6001413	CONCORDIA MWTP	M-LR08-OO01	C
6001414	COURTLAND	M-LR09-OO01	C
6001415	FORMOSO WWTF	M-LR10-NO01	C
6001416	GREEN	M-LR11-NO01	C
6001417	JAMESTOWN MWTP	M-LR12-NO01	C
6001418	JEWELL MWTP	M-LR13-NO01	C
6001419	LINN MWTP	M-LR14-NO01	C
6001435	MANKATO MWTP	M-LR16-OO01	C
6001440	MORGANVILLE MWTP	M-LR18-OO01	C
6001441	PALMER MWTP	M-LR19-NO01	C
6001442	RANDALL MWTP	M-LR20-NO01	C
6001443	REPUBLIC MWTP	M-LR21-NO01	C

## Regulated Waste Water Potential Site Sources

Source No.	Source Name	ID/Permit No.	Zone
6001444	SCANDIA MWTP	M-LR22-NO01	C

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## **Added Sources:**

The Added Sources section lists all the sites that have been added as potential sources of contamination by an evaluator through the assessment process to supplement the original data.

The potential sources listed in this section are sorted to show the added potential sources in Zone A first, Zone B second, and Zone C third.

**Although a facility or business was added as a potential concern, it does not necessarily mean a release or spill has occurred. Contamination could only occur if certain chemical substances are released into the environment and filter into the water supply source.**

# Added Sources

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000867	Grove of trees	0	B
9001283	grove of trees	0	B
9001284	grove of trees	0	B
9001291	grove of trees	0	B
9000472		10008	B
9000473		10008	B
9000474	Farm	10008	B
9000864	Irrigation equipment, pump site, and well	10012	B
9000868	Irrigation equipment, pump site, and well	10012	B
9000466	Ceramics Company	10026	B
9000467	Oil Co. Shop	10026	B
9000468	Truck Stop Fuel Storage	10026	B
9001074	Fuel, grain, and feed and hay storage	10026	B
9001155	Fuel, grain and feed and hay storage	10026	B
9001199	Fuel, grain and feed and hay storage	10026	B
9001353	Fuel, grain and feed and hay storage	10026	B
9000865	Fuel, grain, and feed and hay storage	10038	B
9000470	Truck Stop Restaurant wastewater system	10067	B
9000670	septic tank	10067	B
9000721	lagoons	10075	B

## Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9001124	discharging lagoons	10075	B
9000231	pastureland with stock cattle and CRP	10080	B
9000315	pastureland with cattle	10080	B
9000469		111	B
9000866	wheat fields	111	B
9001073	cropland	111	B
9001156	cropland	111	B
9000230	flood irrigated cropland	115	B
9000863	cropland	115	B
9001022	cropland	115	B
9001200	irrigated cropland	115	B
9001282	cropland	115	B
9001286	cropland	115	B
9001290	cropland	115	B
9001462	cropland	115	B
9000234	Large Irrigation canal	4971	B
9000471		5541	B
9000674	underground storage tanks	5541	B
9000317	Large Irrigation canal	0	C
9001031	Fertilizer Company	0	C

## Added Potential Site Sources

Source No.	Source Name	SIC ID	Zone
9000318	Irrigation equipment, pump site, and well	10012	C
9000236	Salvage/Recycler	10015	C
9000233	Fuel, grain, and feed and hay storage	10026	C
9000316	Fuel, grain, and feed and hay storage	10026	C
9001023	Fuel, grain, and feed and hay storage	10026	C
9000322	on-site wastewater facility	10067	C
9001126	on-site wastewater facility	10067	C
9000736	wastewater lagoon	10075	C
9001231	discharging lagoons	10075	C
9001125	cropland	115	C
9001354	Cropland	115	C
9000235	Rock Quarry	1429	C
9000320	Rock Quarry	1429	C
9000232	small cattle feedlot and hog feedlot	2048	C
9001032	Oil Company	5541	C
9000475	Mobile Home Park	6515	C



Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## **Potential Contaminants Summary:**

The Contaminants Summary shows the number of identified unregulated sources in the assessment area for each contaminant of concern category.

In order to obtain the number of sources for each category, a relationship was correlated between each Standard Industrial Classification (SIC) and the contaminant of concern categories. Each SIC was assessed and associated with contaminant categories. For example, if not managed properly, a car wash (SIC 7542) could potentially contaminate an intake because of inorganic compounds (IOC) and volatile organic compounds (VOC); thus, a car wash is associated with IOCs and VOCs.

A chart displays a count for each contaminant category. The sum for each category represents the total number of identified sources that have been associated with that particular contaminant category. However, the total number of identified sources does not include contaminants from the Added Sources. In our example, a car wash would be considered 2 sources of contamination. It would be a potential source of contamination for IOCs and for VOCs; thus, 1 would be added to the total number of sources in the VOC category and 1 would be added to the IOC category.

# Potential Contaminants Summary

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Number of Unregulated Site Sources Identified for each Contaminant Category

MicroBiological	Sedimentation	Pesticides	IOC's	SOC's	VOC's	E – P
65	54	20	190	42	127	50

**A** – Microbiological

**B2** – Sedimentation

**C\*** – Pesticides

**B** – Inorganic Compounds

**C** – Synthetic Organic Compounds

**D** – Volatile Organic Compounds

**B1** – Eutrophication – Phosphorous

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## Potential Contaminants Listing:

The Potential Contaminants section lists the contaminant of concern category associated with each Standard Industrial Classification (SIC) found in an assessment area. A complete list of contaminant category codes are located at the bottom of this page.

The relationships defined between the Standard Industrial Classifications (SIC) and the contaminant of concern categories are displayed in a table format. Using our car wash example, the relationships can be better illustrated. A car wash could release IOC and VOC chemical substances. The connection is shown by indicating the SIC, 7542, and the associated contaminant categories, IOC (Category B) and VOC (Category D). However, the contaminants listed are not associated with any Added Sources.

The list is sorted by the SIC source description and it only shows unique SIC sources. For example, an assessment area can have 20 car washes in an assessment area, but the list is only going to show contaminant categories associated with car washes onetime. This is because all car washes have the same SIC and every car wash poses the same potential threat to water intakes.

**A** – Microbiological    **B** – Inorganic Compounds                      **B1** – Eutrophication – Phosphorous  
**B2** – Sedimentation    **B\*** – Nitrates    **C** – Synthetic Organic Compounds  
**C\*** – Pesticides            **D** – Volatile Organic Compounds

# Potential Contaminants Listing

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Unregulated Identified Site Sources and associated Potential Contaminant Category

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2891	Adhesives and Sealants Manufacturing	VOCs	D
2077	Animal and Marine Fats and Oils Manufacturing	BOD, oil and grease, TSS	A
"	"	"	B
7538	Auto Truck Repair Service	Inorganics, VOCs	B
"	"	"	D
2086	Bottled and Canned Soft Drinks Production	BOD	A
3251	Brick and Structural Clay Tile Manufacturing	Minerals and TSS	B
7542	Car Wash	Inorganics, VOCs	B
"	"	"	B1
"	"	"	B2
"	"	"	D
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3272	Concrete Products Manufacturing	Minerals and TSS	B
5082	Construction and Mining Machinery	NA	NA
3499	Fabricated Metal Products Manufacturing	inorganics, VOCs	B
"	"	"	D
5541	Gasoline Service Station	Inorganics, VOCs	B
"	"	"	D
1611	Highway and Street Construction	Sedimentation	B2
4212	Local Trucking, without Storage	VOCs	D
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	B
"	"	"	D
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	A
"	"	"	B*
3469	Metal Stampings Manufacturing	inorganics, VOCs	B
"	"	"	D
6515	Mobile Home Park	Sanitary wastes, Fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B*
1542	Nonresidential Construction	Sedimentation	B2

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3089	Plastics products Manufacturing	inorganics, VOCs	B
"	"	"	D
2452	Prefabricated Wood Buildings Manufacturing	TSS	B
"	"	"	D
3273	Ready-mix Concrete Plant	Minerals and TSS	B
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	A
"	"	"	B
"	"	"	B1
"	"	"	B*
"	"	"	C*
5093	Scrap and Waste Materials	Metals, TSS	B
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	B
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	B
"	"	"	D
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	A
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
3842	Surgical Appliances and Supplies Manufacturing	inorganics, VOCs	B
"	"	"	D
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	B
"	"	"	D
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	A
"	"	"	B
752	Animal Specialty Services	Sanitary, fertilizers	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
241	Dairy Farms	Sanitary, fertilizers	A
"	"	"	B

## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
241	Dairy Farms	Sanitary, fertilizers	B1
"	"	"	B2
"	"	"	B*
3523	Farm Machinery and Equipment	inorganics	B
"	"	"	D
4221	Farm Product Warehousing and Storage	TSS, VOCs	B
"	"	"	D
5083	Farm and Garden Machinery	inorganics	B
191	General Farm, Primarily Crop	fertilizers, Pesticides	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C*
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	B
"	"	"	C
"	"	"	D
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	A
"	"	"	B
"	"	"	B1



## Unregulated Identified Site Sources and associated Potential Contaminant Category.

SIC ID	SIC Source	Potential Contaminant	Contaminant Category
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	B2
"	"	"	B*
"	"	"	C*
5561	Recreational vehicle sales and repair	Inorganics	B
4953	Refuse Systems	ALL	A
"	"	"	B
"	"	"	B1
"	"	"	B2
"	"	"	B*
"	"	"	C
"	"	"	C*
"	"	"	D
7699	Repair Services, Nec	inorganics	B

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
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## **Protection Measures:**

The Protection Measures section shows water quality protection measures for the Standard Industrial Classifications (SIC) identified in the assessment area.

Previous sections of this report are designed to show areas that Public Water Supplies (PWS) can focus on to improve the susceptibility of an assessment area. This section helps identify water quality protection measures that a PWS can use as guidance for implementing action for a potential contaminant site in the assessment area. It focuses on protection measures that can reduce the risk of contamination to the water supply.

This portion of the report only displays water quality protection measures for each type of SIC found in the assessment area. It does not display protection measures for each site in the assessment area because every SIC should have the same or similar water quality protection management practices. However, the protection measures listed are not associated with any Added Sources.

# Protection Measures

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
2891	Adhesives and Sealants Manufacturing	VOCs	Minimize contact of products with water. Contain and treat process wastewater.	40 CFR 415 and State or federal Storm water pollution prevention regulations
2077	Animal and Marine Fats and Oils Manufacturing	BOD, oil and grease, TSS	Wastewater pretreatment and/or discharge to a POTW. Grounds maintenance and cleanup. Fat traps on sewer lines.	40 CFR 122 and State or federal Storm water pollution prevention regulations
7538	Auto Truck Repair Service	Inorganics, VOCs	Discharge to POTW. Manage oil products and used oil so that it is not in contact with water	40 CFR 442 and
2086	Bottled and Canned Soft Drinks Production	BOD	Wastewater pretreatment and/or discharge to a POTW.	40 CFR 407 and State or federal Storm water pollution prevention regulations
3251	Brick and Structural Clay Tile Manufacturing	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
7542	Car Wash	Inorganics, VOCs	Install and maintain sediment and grease traps where appropriate	40 CFR 442

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
211	Cattle Farm	Sanitary, Fertilizers TSS, pesticides, Erosion and sedimentation	Proper application of fertilizers and pesticides. Proper cleaning of equipment and disposal of chemicals. Maintain riparian areas along waterways and keep cattle out of these areas. Proper Waste Management and Grazing Management.	KDHE– Livestock Waste Management Section, KAR 28–16, KDA, County Soil Conservation District, NRCS
3272	Concrete Products Manufacturing	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
5082	Construction and Mining Machinery	NA	Discharge to POTW	NA
3499	Fabricated Metal Products Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
5541	Gasoline Service Station	Inorganics, VOCs	Maintain area to minimize fuel contamination	NA
1611	Highway and Street Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
4212	Local Trucking, without Storage	VOCs	Discharge to a POTW	State or federal Storm water pollution prevention regulations
3599	Machinery, Except Electrical Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
2011	Meat Packing Plant Manufacturing	BOD, pathogens, Oil and grease	Wastewater pretreatment and/or discharge to a POTW	40CFR 432 and State or federal Storm water pollution prevention regulations
3469	Metal Stampings Manufacturing	inorganics, VOCs	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations
6515	Mobile Home Park	Sanitary wastes, Fertilizers	Discharge to POTW. Minimize use of lawn chemicals	KAR 28–5
1542	Nonresidential Construction	Sedimentation	Erosion and Sediment Control	KAR 28–16, KDHE

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3089	Plastics products Manufacturing	inorganics, VOCs	Pre-treat wastewater prior to discharge. Minimize outdoor storage and control storm water runoff.	40 CFR 463 and State or federal Storm water pollution prevention regulations
2452	Prefabricated Wood Buildings Manufacturing	TSS	Discharge of process waters to POTW. Minimize outdoor storage.	State or federal Storm water pollution prevention regulations
3273	Ready-mix Concrete Plant	Minerals and TSS	Minimize outdoor storage and control storm water runoff.	State or federal Storm water pollution prevention regulations
7033	Recreational Vehicle Parks and Campsites	sanitary, fertilizers, pesticides	Discharge to POTW. Minimize use of lawn chemicals	NA
5093	Scrap and Waste Materials	Metals, TSS	Minimize contact with storm water	State or federal Storm water pollution prevention regulations
3444	Sheet Metal Work Manufacturing	Metals and TSS, VOCs and metal etch	Minimize outdoor storage and control storm water runoff. Pre-treat process wastewater prior to discharge to POTW	40 CFR 464 and State or federal Storm water pollution prevention regulations

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
3993	Signs and Advertising Display Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	40 CFR 459 and State or federal Storm water pollution prevention regulations
1521	Single-family Housing Construction	Oil, Paint, Pesticides, Fertilizers	Proper cleaning and disposal of household hazardous waste. Proper storage, application, and clean up of pesticides and fertilizers	KAR 28-48, KDHE, KDEM
3842	Surgical Appliances and Supplies Manufacturing	inorganics, VOCs	Manage wastes properly and treat process wastewater prior to discharge to a POTW or direct	State or federal Storm water pollution prevention regulations
7532	Top, Body, and Upholstery Repair Shops and Paint Shops	Inorganics, VOCs	Discharge to POTW. Recycle where appropriate. Properly maintain oil product and waste. Manage paint and solvent wastes properly	NA
742	Veterinary Services, Specialties	Sanitary, Inorganics TSS	Discharge to POT	NA
752	Animal Specialty Services	Sanitary, fertilizers	Collect and treat wastes.	NA

## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
2759	Commercial Printing NEC	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2752	Commercial Printing–Lithographic	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
241	Dairy Farms	Sanitary, fertilizers	Collect and treat process wastes. Use good erosion control practices. Minimize storm water contact with contaminants.	40 CFR 405
3523	Farm Machinery and Equipment	inorganics	Discharge to POTW	State or federal Storm water pollution prevention regulations
4221	Farm Product Warehousing and Storage	TSS, VOCs	Keep the area clean of grain. Use grease traps.	State or federal Storm water pollution prevention regulations
5083	Farm and Garden Machinery	inorganics	Discharge to POTW	NA



## Recommended Water Quality Protection Measures

SIC	SIC Source	Contaminant Source	Water Quality Protection Measure	Regulatory Authority
191	General Farm, Primarily Crop	fertilizers, Pesticides	Maintain good erosion control practices and minimize the use of chemicals	NA
2711	Newspapers Publishing and Printing	Inorganics, VOCs, Semi volatiles	Recycle chemicals where possible. Discharge to POTW	40 CFR 459 and State or federal Storm water pollution prevention regulations
2048	Prepared Feeds For Animals and Fowls	Sanitary, Nitrates, phosphorous and pesticides	Maintain animal feeding areas and feed storage areas to minimize contact with storm water. Collect and treat process wastes.	40 CFR 412 and State or federal Storm water pollution prevention regulations
5561	Recreational vehicle sales and repair	Inorganics	Discharge to a POTW. Store oils and lubricants properly	Discharge to a POTW. Store oils and lubricants properly
4953	Refuse Systems	ALL	Store wastes properly in order to minimize contact with storm water.	Maintain the lagoon or storage vessel properly. Control storm water run on and runoff to minimize contamination of storm water
7699	Repair Services, Nec	inorganics	Discharge to POTW	NA

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
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Status: **Accepted**  
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## **Assessment Analysis:**

The Assessment Analysis section displays the numbers assigned to each contaminant of concern category for each question in the susceptibility analysis.

This analysis is based on a decision tree framework consisting of a series of yes/no questions. These questions consider the proximity of contaminant sources to the water supply intake, the type of contaminant, and the application of pollution prevention or water quality protection practices to sources of contamination. As the evaluator moves through the analytical framework, susceptibility points are accumulated based on the presence of contaminant sources in the assessment area.

After all the questions have been answered, the SLS is calculated for each contaminant of concern category. The SLS is determined by counting the number of contamination risk factors found to occur in the delineated assessment area and applying a multiplier to this number. Because the number of contaminant category risk factors is not equal, the multiplier is used to establish a common scale for the SLS of each contaminant category.

# Assessment Analysis

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Surface Water Single Well Analysis

**A** – Microbiological    **B** – Inorganic Compounds

**B1** – Eutrophication – Phosphorous

**B2** – Sedimentation    **C** – Synthetic Organic Compounds

**C\*** – Pesticides        **D** – Volatile Organic Compounds

No.	Question	Response	A	B	B1	B2	C	C*	D
1	Is the intake located at a treatment plant?	Yes	0	0	0	0	0	0	0
2	Is there an open channel conveyance from the intake to the treatment plant?	No	0	0	0	0	0	0	0
3	Does a PWS own or control the conveyance right-of-way?	Yes	0	0	0	0	0	0	0
4	Does a PWS own or control the area within 1/4 mile of intake?	No	1	1	0	0	1	1	1
5	Is the area within 1/4 mile of the intake entirely native grass?	No	1	1	0	0	1	1	1
6	Is transportation infrastructure in close proximity to the intake?	Yes	0	1	0	0	1	1	1
7	Are there water quality protection plans for the transportation infrastructure?	No	0	1	0	0	1	1	1
8	Are any commercial, industrial, or urban areas present?	Yes	1	1	0	0	1	1	1
9	Does each industrial/commercial site and urban area have a water quality protection plan in place?	Yes	0	0	0	0	0	0	0
10	Is riparian area vegetated?	Yes	0	0	0	0	0	0	0
11	Has riparian area been farmed up to the stream/riverbank?	No	0	0	0	0	0	0	0
12	Is there a lack of native grass or trees?	No	0	0	0	0	0	1	0
13	Is livestock use present in riparian area?	No	0	0	0	0	0	0	0
14	Are any confined livestock production sites in riparian area?	No	0	0	0	0	0	0	0
15	Is each confinement area registered with KDHE?	Yes	0	0	0	0	0	0	0
16	Are any row crops (corn, milo, soybean) present?	Yes	0	0	0	0	0	1	0
17	Are water quality protection plans in use for each cropland?	No	0	0	0	0	0	1	1

No.	Question	Response	A	B	B1	B2	C	C*	D
18	Are any orchards present?	No	0	0	0	0	0	0	0
19	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
20	Is the intake a river intake?	No	0	0	0	0	0	0	0
21	Is the intake at a city-owned lake?	No	1	1	1	1	1	1	1
22	Is there water quality monitoring conducted at the river or lake?	No	1	1	1	1	1	1	1
23	Is TMDL needed for any of the rivers or lakes?	No	0	0	0	0	0	0	0
24	Are TMDL pollutants of concern reported by monitoring?	No	1	1	1	1	1	1	1
25	Are any point source discharges within 16 miles upstream of intake?	Yes	1	1	1	1	1	0	1
26	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1
27	Are all riparian buffers vegetated?	Yes	0	0	0	0	0	0	0
28	Are vegetated riparian buffer and a water quality protection plans in place?	No	1	1	1	1	0	1	0
29	Is there urbanized land within riparian buffer?	Yes	1	1	1	1	1	1	1
30	Is a NPDES stormwater permit required for the urbanized areas?	No	1	1	1	1	1	1	1
31	Are voluntary water quality protection plans in place for each urbanized area?	No	1	1	1	1	1	1	1
32	Is there industrial land use within riparian buffer?	No	0	0	0	0	0	0	0
33	Is NPDES stormwater permit required for industrial areas?	No	1	1	1	1	1	1	1
34	Are voluntary water quality protection plans in place for each industrial area?	Yes	0	0	0	0	0	0	0
35	Are there livestock present?	Yes	1	0	1	0	0	1	0
36	Is there livestock confinement present?	Yes	1	0	1	0	0	1	0
37	Is each confined livestock facility registered with KDHE?	No	1	0	1	0	0	1	0
38	Are any row crops (corn, milo, soybeans) present?	Yes	0	0	1	1	0	1	0
39	Are water quality protection plans in use for each row crop production?	No	0	0	1	1	0	1	0
40	Are any orchards present?	No	0	0	0	0	0	0	0
41	Are water quality protection plans in use for each orchard?	Yes	0	0	0	0	0	0	0
42	Is there any small grain (wheat, oats, barley) production?	Yes	0	0	1	1	0	1	0
43	Are water quality protection plans in use for each small grain production?	No	0	0	1	1	0	1	0
44	Are there unsewered developments (concentrations of lagoons or septic systems) present in Zone B?	Yes	1	1	0	0	0	0	0
45	Is a general watershed water quality protection plan in use?	No	1	1	1	1	1	1	1
46	Are any point source discharges within 16 miles upstream of intake?	Yes	0	0	0	0	0	0	0
47	Is pretreatment required at any of the point sources?	Yes	1	1	1	1	1	0	1

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## **Site Comments:**

The Site Comments section lists all the comments that were added for the potential sources of contamination found in the assessment area.

Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding detail to the sites that can be referenced for more information.

This local information may include comments on potential contamination threats (or lack there of), local water quality protection initiatives, etc. Adding comments are optional and are mainly focused on sources in areas that could have the greatest impact on water supply if a spill or release occurred in the environment. It is left to the discretion of the PWS and/or source water assessment committee to add comments.

# Site Comments

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Comments for Unregulated Sites

Potential Contaminant Site No.	Site Comments	Author
141775	There is no longer new home construction in that area	Clifford White

## Comments for Regulated Confined Animal Feeding Operations Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Fredrickson, George	2001577	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Hayden Hereford Farms	2002078	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Hurley Supply, Inc.	2001172	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
K R B Pork Inc	2002585	This swine facility has no groundwater monitoring.	Nicole Fisher

## Comments for Regulated Confined Animal Feeding Operations Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Overmiller, Gerald	2001924	To our knowledge this site has not been used for CAFO for at least 18 years.	Bruce Nech
Roe, Bill	2000637	This livestock facility has no water quality protection plans.	Nicole Fisher
Roth, Carroll	2001816	This swine facility has no groundwater monitoring.	Nicole Fisher
Schurle, Douglas	2001719	This swine facility has no groundwater monitoring.	Nicole Fisher
Stunkel, Harold	2000365	This dairy facility has no groundwater monitoring requirements.	Nicole Fisher
Taddiken Farm Inc.	2000423	This source is west of the river and is not in zone A,B or C	Barry Bechard
Visser, Virgil	2001360	This cattle livestock facility has no water quality protection plans.	Nicole Fisher
Zoltenko Farms	2001170	This swine facility has no groundwater monitoring.	Nicole Fisher

## Comments for Regulated Hazardous Waste Sites

Did Not Receive Any Comments
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## Comments for Regulated Leaking Storage Tank Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Agri Services	3001236	The site is closed from a 1991 gasoline leak. No groundwater contamination was suspected.	Nicole Fisher

## Comments for Regulated Leaking Storage Tank Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
Home Oil, Scandia	3000882	Tanks were removed an soil was taken out. KDHE supervised the site. Removed in fall of 2002.	Jerry Swanson
Home Oil, Scandia	3000882		Jerry Swanson
J H Service	3000239	The site is closed from a 1990 gasoline spill. Groundwater contamination is unknown.	Nicole Fisher
Peter's 66	3001477	The site is active from a gasoline leak in 1993. One public water well is within .25 miles downgradient of the leak. For information contact Tom Guilfoyle (785) 296-6385	Nicole Fisher
Webber Service	3002085	The site is closed from a leak in 1993. No groundwater contamination was suspected.	Nicole Fisher

## Comments for Regulated Identified Contaminated Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
JEWELL COUNTY RWD #1	7000769	The Jewell Co. RWD #1 had elevated nitrate levels from a unknown source. For more information please contact Bridget Wilson at (785) 291-3246.	Nicole Fisher
VALLEY FERTILIZER, CONCORDIA	7000709	Some nitrate and pesticide contaminated soils were excavated and disposed of off-site. Additional investigations have discovered a nitrate plume in local groundwater. Several water supply wells are located nearby but aren't threatened by this plume.	Nicole Fisher
VALLEY FERTILIZER, CONCORDIA	7000709	For additional information please contact Tom Jones 785-296-6380	Nicole Fisher

## Comments for Regulated Solid Waste Sites

Did Not Receive Any Comments
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## Comments for Regulated Waste Water Sites

Potential Contaminant Site Name	Site No.	Site Comments	Author
AURORA MWTF	6001398	This facility uses non–discharging lagoons.	Nicole Fisher
BURR OAK WWTP	6001401	This facility uses non–discharging lagoons.	Nicole Fisher
GREEN	6001416	This facility uses non–discharging lagoons.	Nicole Fisher
NORTHERN NAT. GAS CO. CLIFTON	6000743	Northern is not in zoons A,B, or C	Barry Bechard
PALMER MWTP	6001441	This facility uses non–discharging lagoons.	Nicole Fisher
REPUBLIC MWTP	6001443	This facility uses nondischarging lagoons.	Nicole Fisher

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

### **Added Site Comments:**

The Added Site Comments section lists the comments for why sites were added as a potential source of contamination found to the assessment area.

# Added Site Comments

Public Water Supply: **MILFORD, CITY OF**

Assessment Area: **935**

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Ceramics Company	9000466	Fuel storage is close to well site	Mike Houck
Cropland	9001354	This site could contaminate the public water supply.	Nicole Fisher
Farm	9000474	Agriculture area in Zone B	Mike Houck
Fertilizer Company	9001031	They handle agricultural chemicals and fertilizer.	Barry Bechard
Fuel, grain and feed and hay storage	9001155	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001199	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain and feed and hay storage	9001353	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9000233	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain, and feed and hay storage	9000316	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Fuel, grain, and feed and hay storage	9000865	This site could possibly contaminate the public water supply.	Nicole Fisher

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Fuel, grain, and feed and hay storage	9001023	This site could contaminate the public water supply.	Nicole Fisher
Fuel, grain, and feed and hay storage	9001074	This site could contaminate the public water supply.	Nicole Fisher
Grove of trees	9000867	This is an important buffer to protect the wells from possible contamination.	Nicole Fisher
Irrigation equipment, pump site, and well	9000318	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Irrigation equipment, pump site, and well	9000864	This site could possibly contaminate the public water supply.	Nicole Fisher
Irrigation equipment, pump site, and well	9000868	This site could possibly contaminate the public water supply.	Nicole Fisher
Large Irrigation canal	9000234	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Large Irrigation canal	9000317	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Mobile Home Park	9000475	Cluster of mobile homes in Zone B	Mike Houck
Oil Co. Shop	9000467	Shop and storage bldg. containing oil and petroleum products and fuel storage tanks	Mike Houck
Oil Company	9001032	Underground storage tanks of fuel.	Barry Bechard
Rock Quarry	9000235	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
Rock Quarry	9000320	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Salvage/Recycler	9000236	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
Truck Stop Restaurant wastewater system	9000470	Large onsite wastewater absorption field for truck stop and restaurant	Mike Houck
Truck Stop Fuel Storage	9000468	Above ground fuel storage tanks alittle over a hundred feet from the well.	Mike Houck
cropland	9000863	This site could possibly contaminate the public water supply.	Nicole Fisher
cropland	9001022	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001073	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001125	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001156	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001282	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001286	This site could contaminate the public water supply.	Nicole Fisher
cropland	9001290	This site could contaminate the public water supply.	Nicole Fisher

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
cropland	9001462	This site could contaminate the public water supply.	Nicole Fisher
discharging lagoons	9001124	This site could contaminate the public water supply.	Nicole Fisher
discharging lagoons	9001231	This site could contaminate the public water supply.	Nicole Fisher
flood irrigated cropland	9000230	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
grove of trees	9001283	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
grove of trees	9001284	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
grove of trees	9001291	This is an important buffer to prevent contamination into the public water supply.	Nicole Fisher
irrigated cropland	9001200	This site could contaminate the public water supply.	Nicole Fisher
lagoons	9000721	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9000322	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
on-site wastewater facility	9001126	This site could contaminate the public water supply.	Nicole Fisher
pastureland with cattle	9000315	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher

## Comments for Added Contaminant Sites

Added Contaminant Site Name	Site No.	Site Comments	Author
pastureland with stock cattle and CRP	9000231	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
septic tank	9000670	Septic system is located 100 ft. up slope from the well # 1	Mike Houck
septic tank	9000670	Septic system is located 100 ft. up slope from the well # 1	Mike Houck
septic tank	9000670	Septic system is 100 ft (up slope) east of well #002	Mike Houck
small cattle feedlot and hog feedlot	9000232	This information was obtained from the Wellhead Protection Plan.	Nicole Fisher
underground storage tanks	9000674	There are underground fuel storage tanks and fuel pumps south of well site	Mike Houck
wastewater lagoon	9000736	wastewater lagoon within zone B	Mike Houck
wheat fields	9000866	This site could possibly contaminate the public water supply.	Nicole Fisher
Unknown	9000469	Crop ground with potential runoff source for well area	Mike Houck
Unknown	9000471	Fuel pumps and vehicles using facility are near well	Mike Houck
Unknown	9000472	Agriculture area in Zone B	Mike Houck
Unknown	9000473	Agriculture area in Zone B	Mike Houck

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**  
Diversion Id's: **999**  
Status: **Accepted**  
Submit Date: **2003-01-30 10:18:17**

## **Analysis Question Comments:**

The Analysis Question Comments section lists all the comments that were added during analysis portion of the assessment, in which a series of yes/no questions were asked.

Evaluators have the option to add comments to questions to clarify why a response was given or to give more details to a question. Local comments and feedback from people that are familiar with the assessment area is an important aspect of the assessment. The comments greatly improve the assessment by adding clarification and details that could not be identified with a simple yes or no response.



# Analysis Question Comments

Public Water Supply: **MILFORD, CITY OF**  
Assessment Area: **935**

## Comments for Analysis Questions

Analysis Question	Question Comments	Author
Are water quality protection plans in use for each cropland?	unknown	Steve Meyer
Is there water quality monitoring conducted at the river or lake?	unknown	Steve Meyer
Is TMDL needed for any of the rivers or lakes?	unknown	Steve Meyer
Are TMDL pollutants of concern reported by monitoring?	unknown	Steve Meyer
Is NPDES stormwater permit required for industrial areas?	unknown	Steve Meyer
Is each confined livestock facility registered with KDHE?	unknown	Steve Meyer
N/A or Unknown	My assistant, J K Smith and I, Steve Meyer, have answered the questions to the best of our knowledge, however no time was available for research.	Steve Meyer